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4-12-05

Michael A. Jaskolski Reg. No. 37,551

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Darin Okerlund  
Serial No.: 10/064,899  
Filed: August 27, 2002  
Title: R-Peak Detection Corrections for Improved Cardiac Gated Reconstruction  
Art Unit: 3762  
Examiner: George C. Manuel  
Our Ref.: 390086.95231

Assistant Commissioner for Patents  
Washington DC 20231

**Box: Amendment**

Dear Sir:

In response to the Patent Office Action dated February 15, 2005, please consider the following remarks.

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**RESPONSE TO OFFICE ACTION**

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**Remarks**

As an initial matter, Applicant again thanks the Examiner for allowing claims 23 and 24 in their originally filed form.

The Office Action rejected claims 1 and 12 as obvious over Geiser in view of Burton and further in view of Deno.. Applicant strongly traverses this rejection.

As described in the previous response to Office Action, claim 1 now requires that when the heart beat signal pulse times are modified they are modified by storing an additional R-peak time or eliminating an existing R-peak time. As recognized in the previous Office Action, the cited section of Geiser only teaches triggering a